

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016536.D
 Acq On : 23 Aug 2018 01:47
 Operator : SJ/JU
 Sample : J4525-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 081518-TIPC-F-U-B

Quant Time: Aug 23 04:02:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

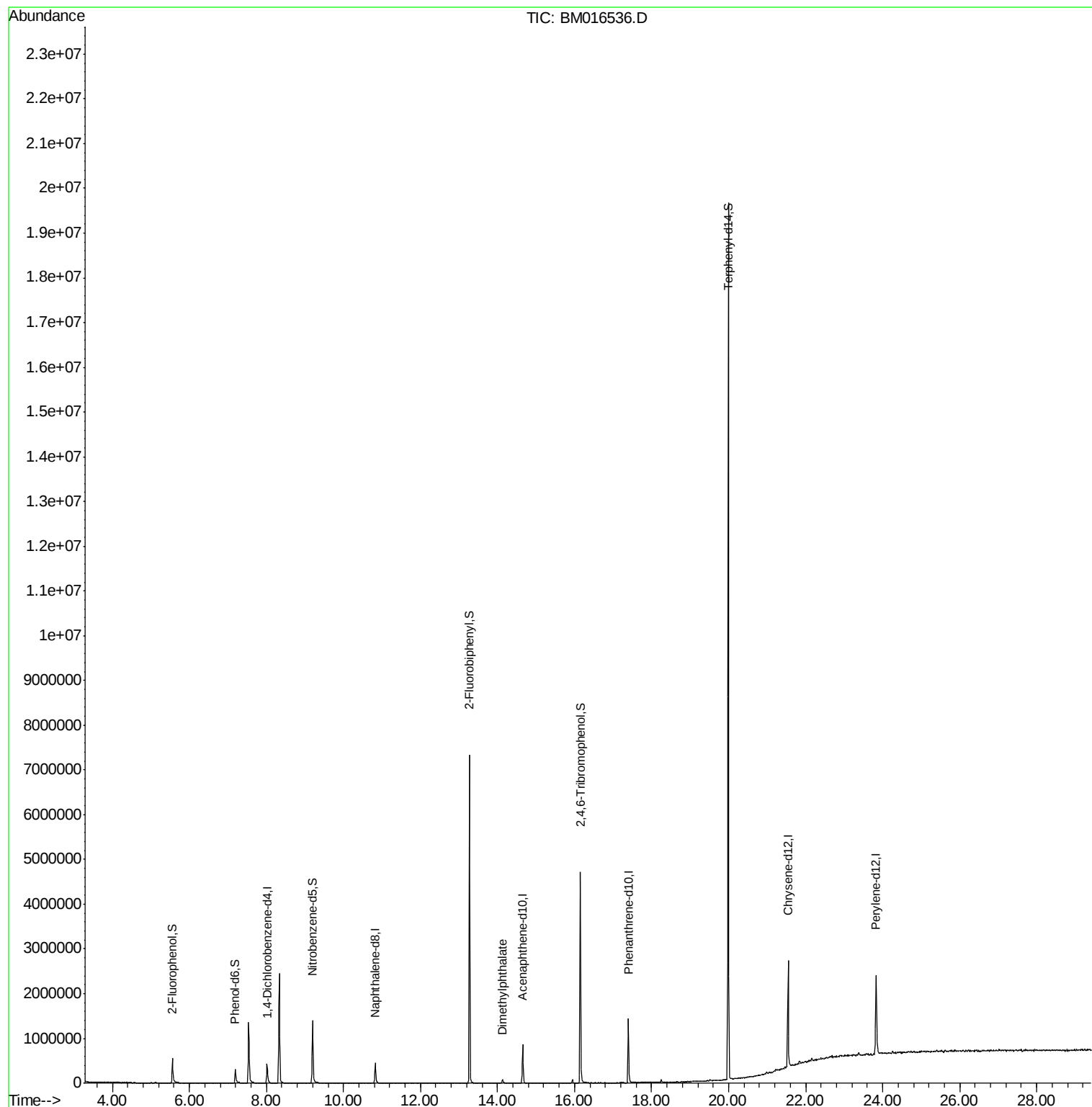
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	101233	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	318791	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	245770	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	845154	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1176251	20.00	ng	0.00
86) Perylene-d12	23.83	264	1399236	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	200024	38.72	ng	0.00
7) Phenol-d6	7.19	99	146594	21.44	ng	0.00
23) Nitrobenzene-d5	9.20	82	819687	117.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	807390	117.52	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3042247	118.98	ng	0.00
78) Terphenyl-d14	19.99	244	7451088	134.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	59585	2.524	ng	Qvalue # 90

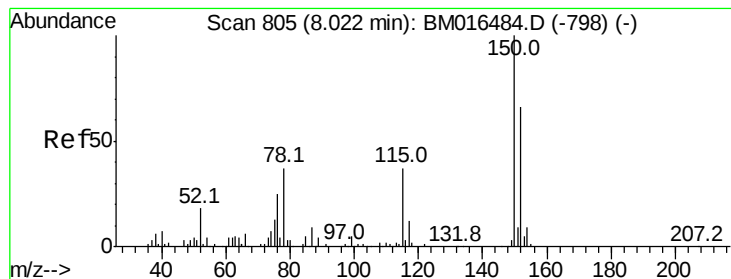
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



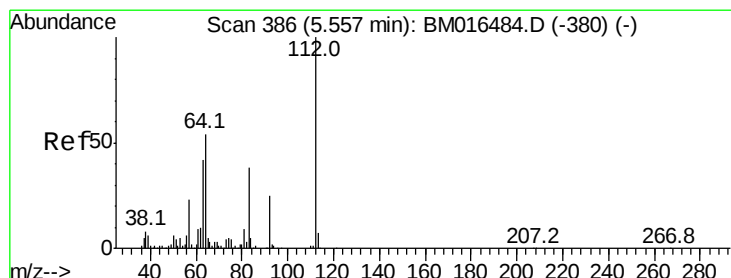
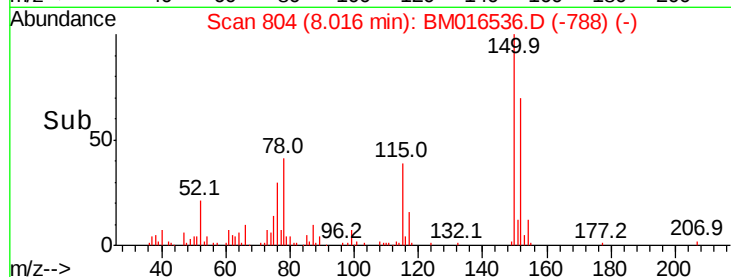
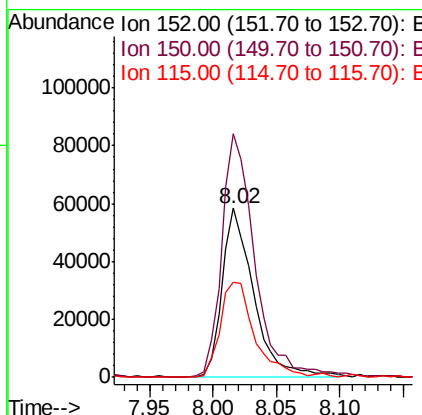
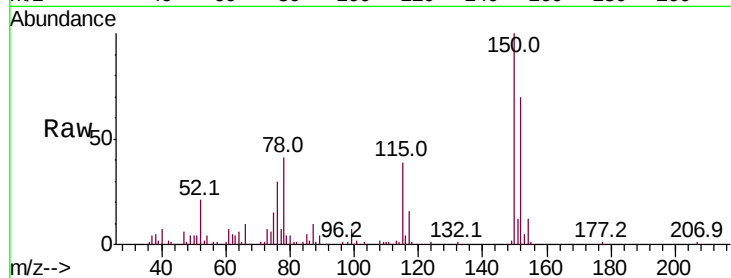


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016536.D
Acq: 23 Aug 2018 01:47

Instrument :
BNA_M
ClientSampleId :
081518-TIPC-F-U-B

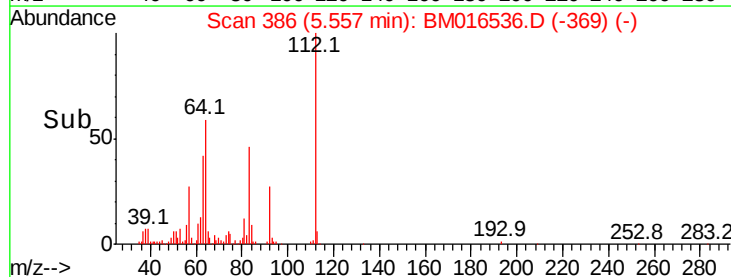
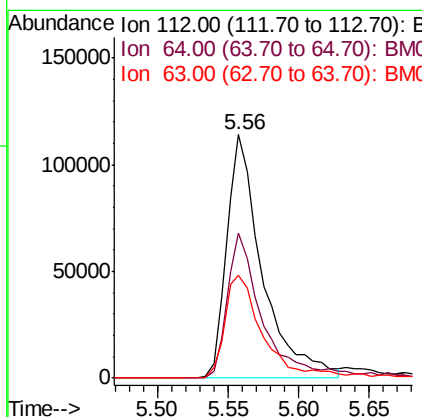
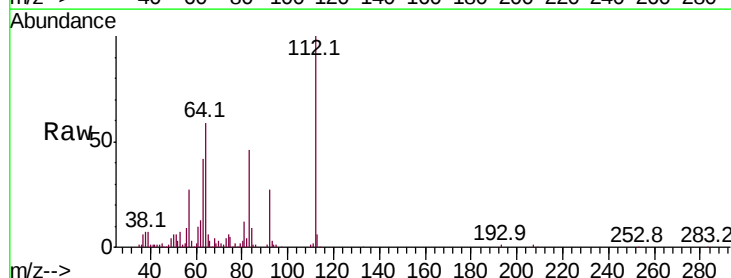
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	119.5	179.3
115	56.3	43.0	64.4

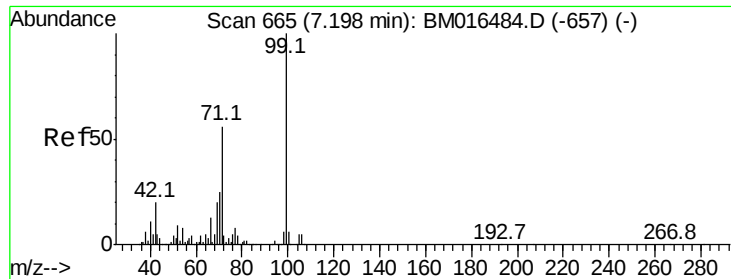


#5

2-Fluorophenol
Concen: 38.719 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016536.D
Acq: 23 Aug 2018 01:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	38.6	57.8#
63	42.0	19.3	28.9#





#7

Phenol-d6

Concen: 21.444 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016536.D

Acq: 23 Aug 2018 01:47

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-U-B

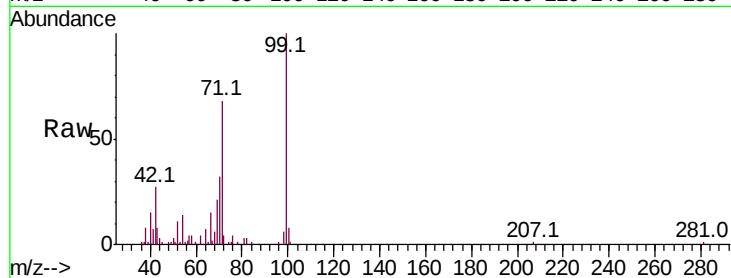
Tot Ion: 99 Resp: 146594

Ion Ratio Lower Upper

99 100

42 26.7 11.0 16.4#

71 67.7 23.4 35.2#

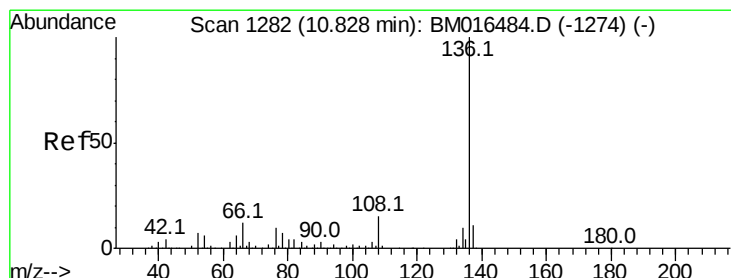
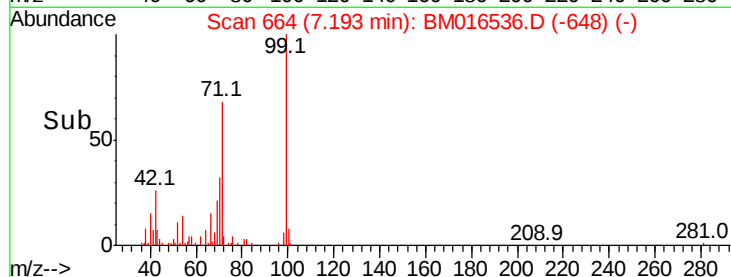
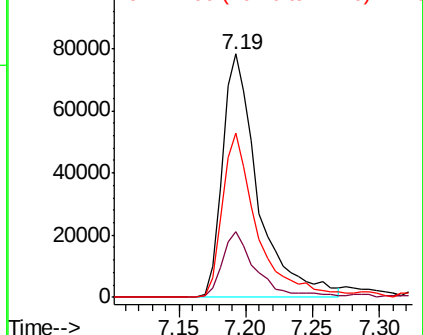


Abundance

Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016536.D

Acq: 23 Aug 2018 01:47

Tgt Ion: 136 Resp: 318791

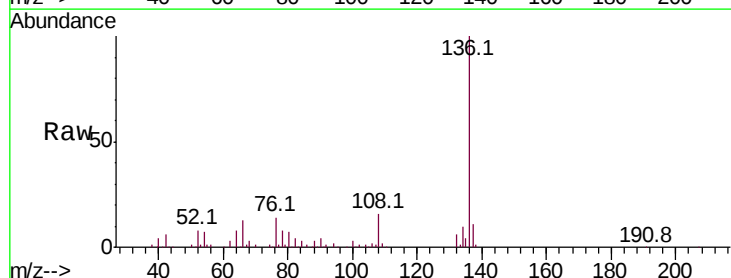
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.9 4.6 6.8#

68 3.2 3.7 5.5#



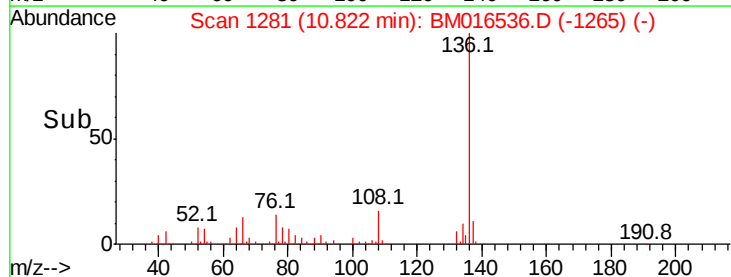
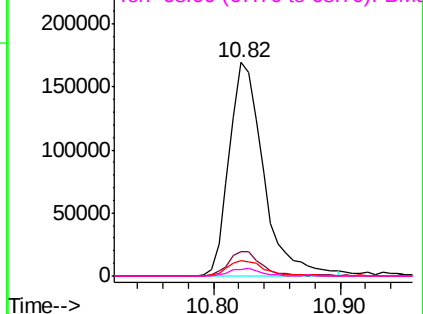
Abundance

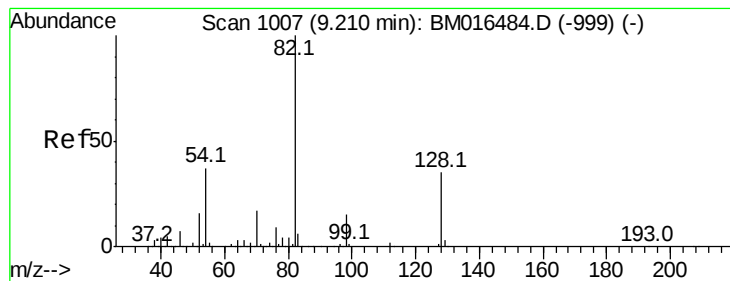
Ion 136.00 (135.70 to 136.70): BM016484.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016484.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016484.D (-1274) (-)





#23

Nitrobenzene-d5

Concen: 117.400 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM016536.D

Acq: 23 Aug 2018 01:47

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-U-B

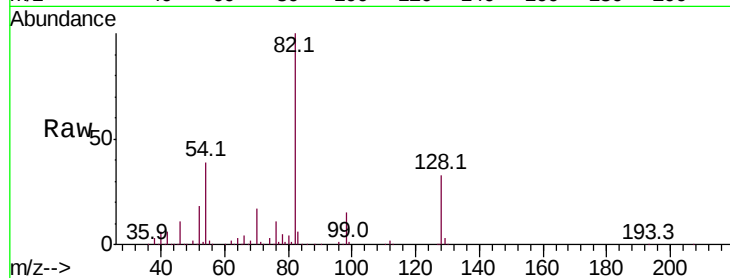
Tot Ion: 82 Resp: 819687

Ion Ratio Lower Upper

82 100

128 32.6 32.8 49.2#

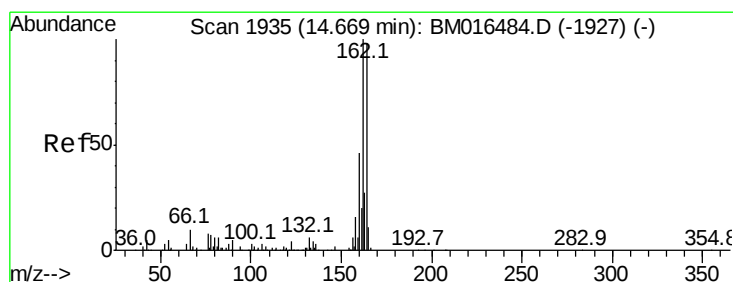
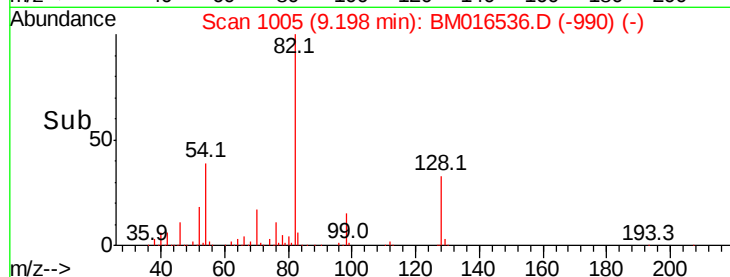
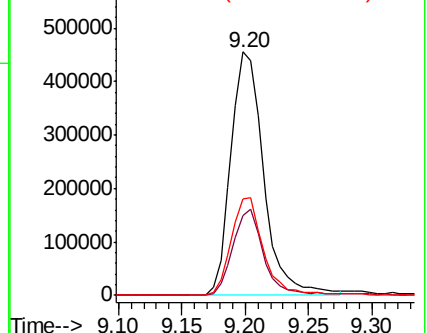
54 39.4 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016484.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-999) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM016536.D

Acq: 23 Aug 2018 01:47

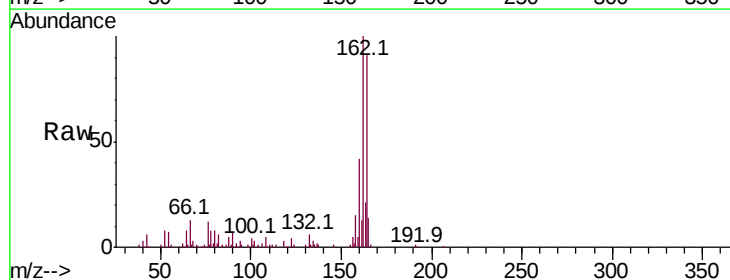
Tgt Ion:164 Resp: 245770

Ion Ratio Lower Upper

164 100

162 109.3 82.4 123.6

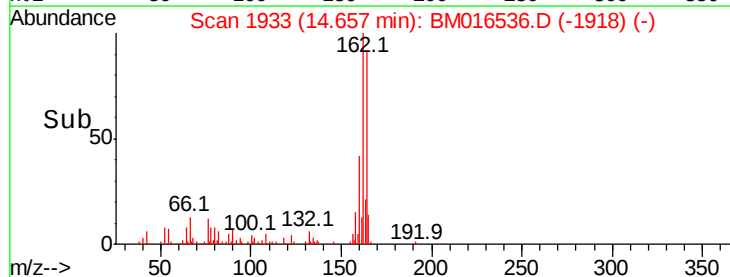
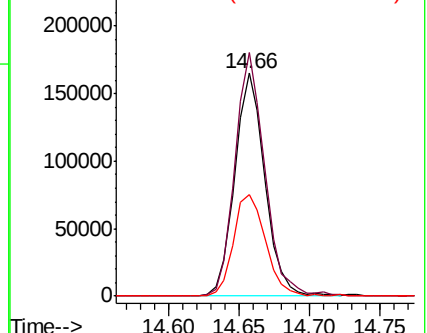
160 45.4 35.8 53.6

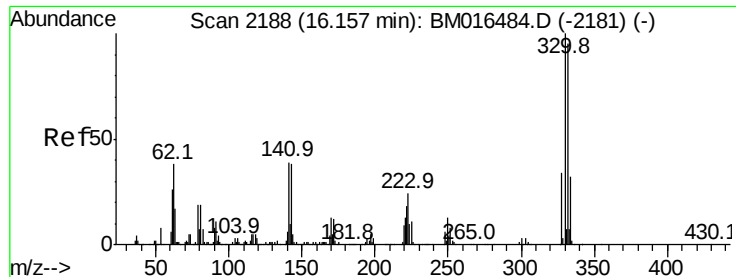


Abundance Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

Ion 162.00 (161.70 to 162.70): BM016484.D (-1927) (-)

Ion 160.00 (159.70 to 160.70): BM016484.D (-1927) (-)

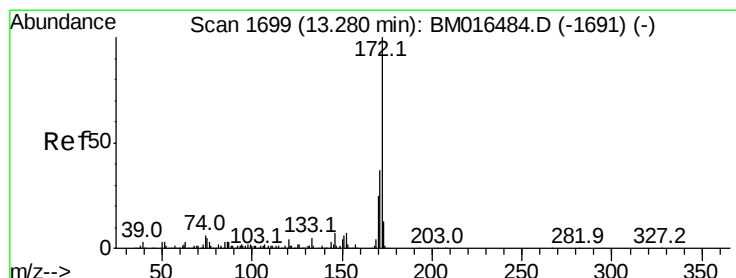
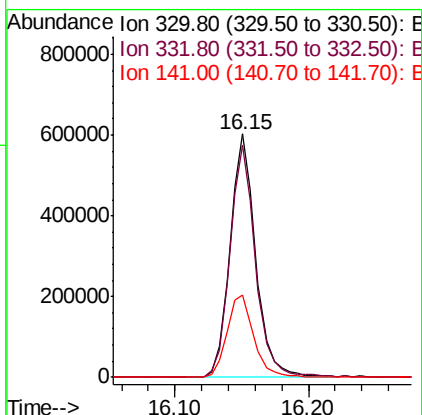
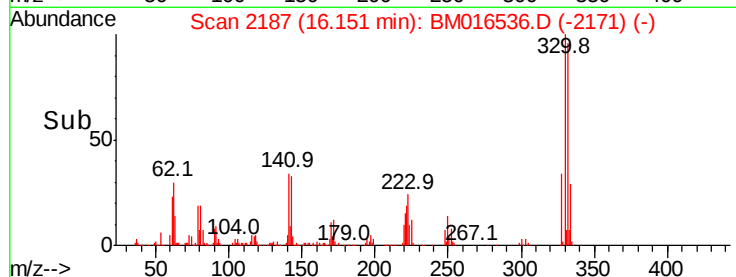
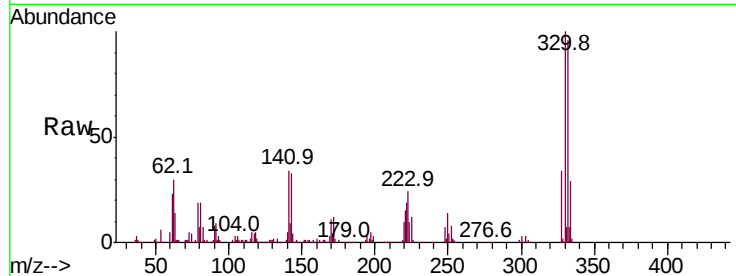




#41
 2,4,6-Tribromophenol
 Concen: 117.519 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016536.D
 Acq: 23 Aug 2018 01:47

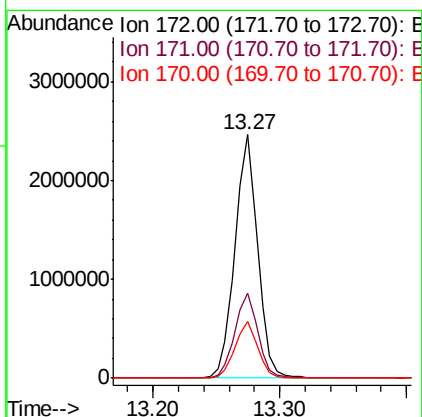
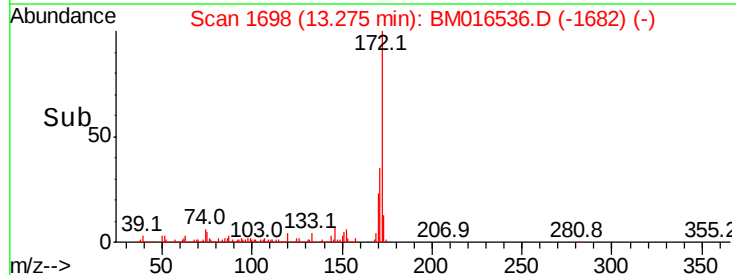
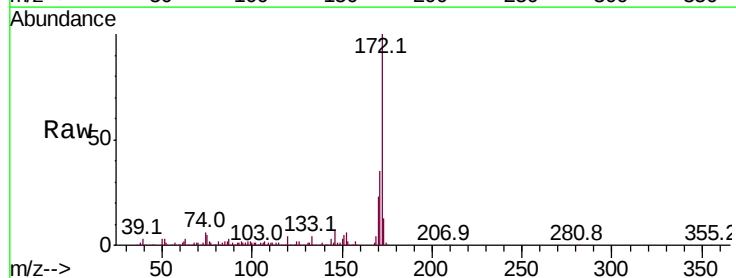
Instrument :
 BNA_M
 ClientSampleId :
 081518-TIPC-F-U-B

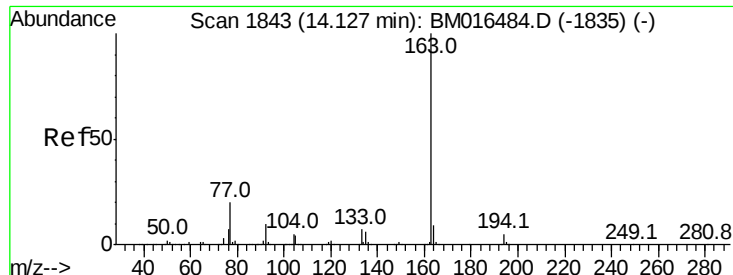
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	35.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 118.984 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016536.D
 Acq: 23 Aug 2018 01:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.2	18.8	28.2

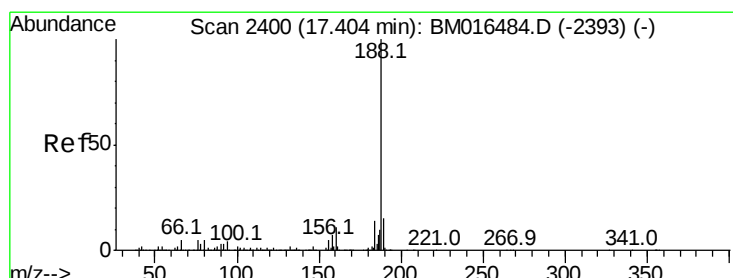
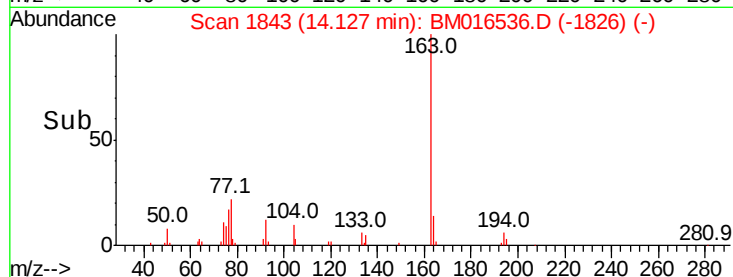
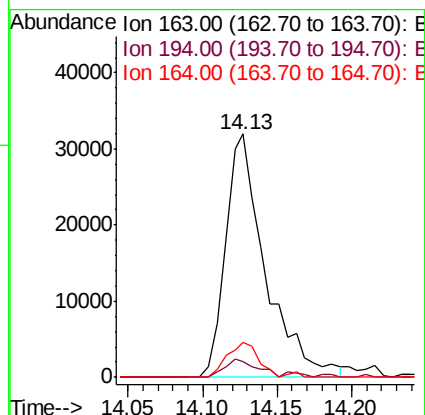
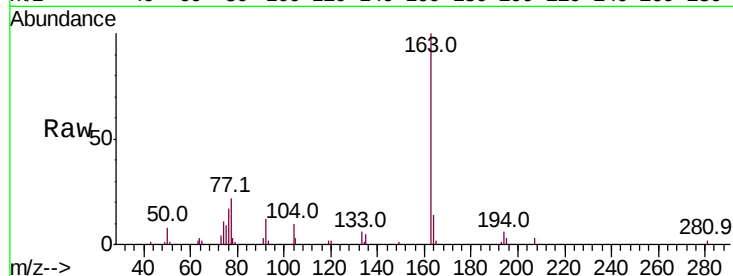




#49
Dimethylphthalate
Concen: 2.524 ng
RT: 14.13 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM016536.D
Acq: 23 Aug 2018 01:47

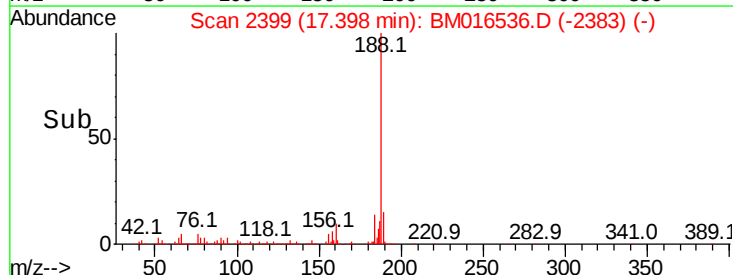
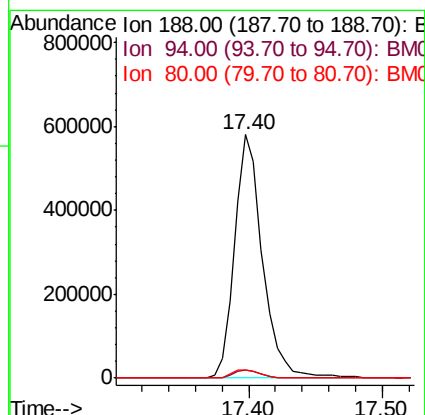
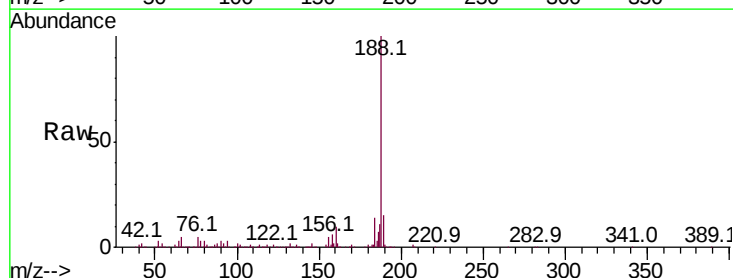
Instrument :
BNA_M
ClientSampleId :
081518-TIPC-F-U-B

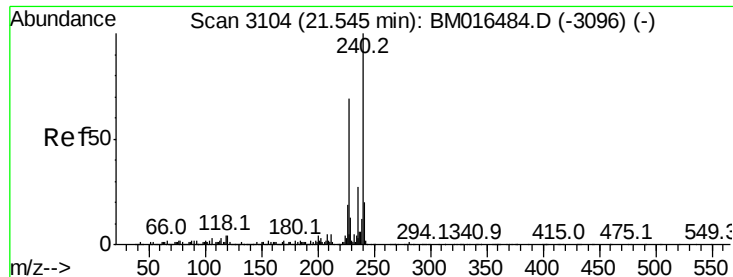
Tot Ion:163 Resp: 59585
Ion Ratio Lower Upper
163 100
194 6.2 2.7 4.1#
164 14.1 8.2 12.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM016536.D
Acq: 23 Aug 2018 01:47

Tgt Ion:188 Resp: 845154
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.3 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016536.D

Acq: 23 Aug 2018 01:47

Instrument :

BNA_M

ClientSampleId :

081518-TIPC-F-U-B

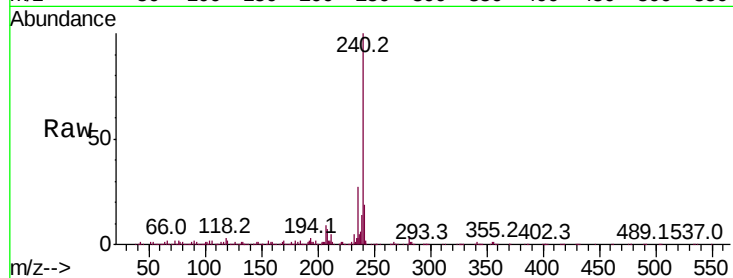
Tot Ion:240 Resp: 1176251

Ion Ratio Lower Upper

240 100

120 2.2 8.2 12.2#

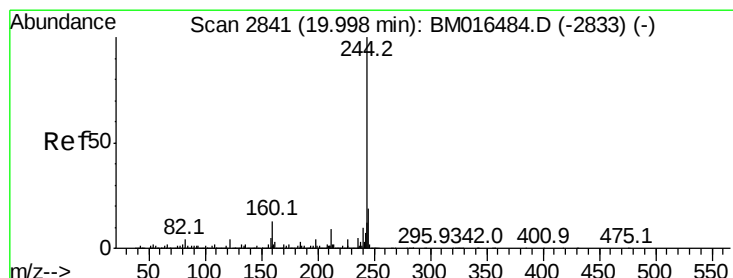
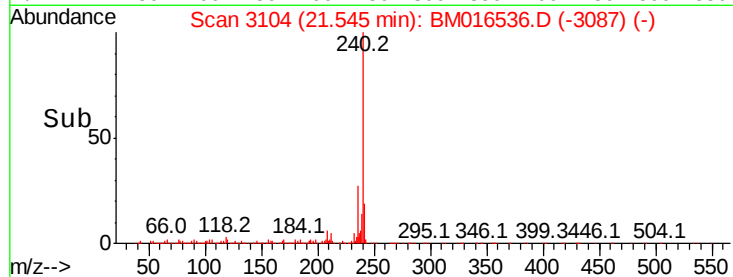
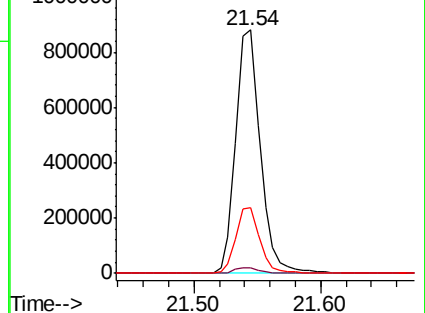
236 27.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 134.076 ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016536.D

Acq: 23 Aug 2018 01:47

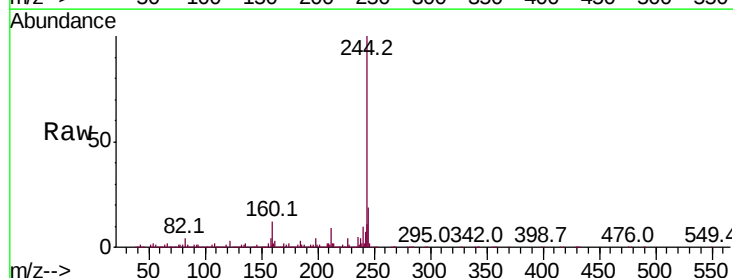
Tgt Ion:244 Resp: 7451088

Ion Ratio Lower Upper

244 100

212 9.2 4.9 7.3#

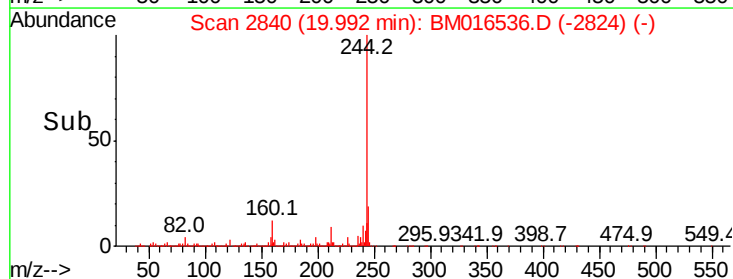
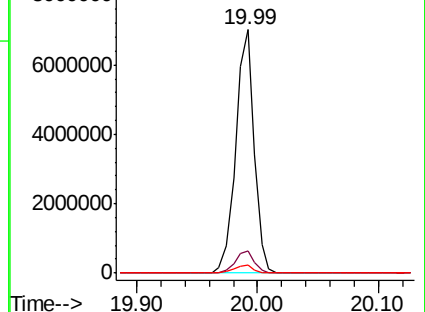
122 3.1 6.2 9.4#

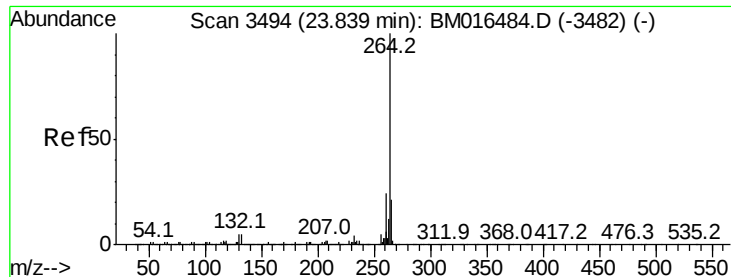


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.83 min Scan# 3492
 Delta R.T. -0.01 min
 Lab File: BM016536.D
 Acq: 23 Aug 2018 01:47

Instrument :
 BNA_M
 ClientSampleId :
 081518-TIPC-F-U-B

Tot Ion:264 Resp: 1399236

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.4	17.3	25.9

